ABSTRACT OF THE DISCLOSURE

Apparatus and methods are disclosed involving a linear actuator motor such as a voice coil motor, including a driver for the motor, powered by a power supply. A failure of one or more of the power outputs of the power supply used by the linear actuator motor and the driver is determined. Alternatively, or in addition thereto, energy in the linear actuator motor outside a predetermined range is determined. The power supply or the power supply outputs are caused to shut down based on the failure of the power outputs and/or energy determined in the linear actuator motor.